

## EAST Search History

| Ref # | Hits    | Search Query  | DBs                          | Default Operator | Plurals | Time Stamp       |
|-------|---------|---|------------------------------|------------------|---------|------------------|
| S1    | 43      | ("3896500" "4301551" "4400833" "4467478" "4590928" "4597766" "4605414" "4649916" "4668233" "4712542" "4739751" "4744793" "4772286" "4773417" "4834752" "4870957" "4922897" "4927421" "4950270" "4950271" "4969895" "4997433" "5037426" "5071420" "5108433" "5129902" "5139520" "5147362" "5507750" "5562668" "5630820" "5713897" "5935130" "5964764" "5980473" "6001106" "6036694" "6171310" "6279415" "6364885" "6770036" "RE34293" "RE34762").PN. | US-PGPUB;<br>USPAT;<br>USOCR | OR               | ON      | 2006/10/20 15:14 |
| S2    | 763957  | (light adj emitt\$4) or LED   | US-PGPUB;<br>USPAT;<br>USOCR | OR               | ON      | 2006/10/20 15:15 |
| S3    | 951373  | reflect\$4  | US-PGPUB;<br>USPAT;<br>USOCR | OR               | ON      | 2006/10/20 15:15 |
| S4    | 517951  | deflect\$4  | US-PGPUB;<br>USPAT;<br>USOCR | OR               | ON      | 2006/10/20 15:15 |
| S5    | 5880659 | differen\$5 relative change   | US-PGPUB;<br>USPAT;<br>USOCR | OR               | ON      | 2006/10/20 15:15 |
| S6    | 1982673 | signal  | US-PGPUB;<br>USPAT;<br>USOCR | OR               | ON      | 2006/10/20 15:20 |
| S7    | 479     | S2 same S3 same S4 same S5 same S6  | US-PGPUB;<br>USPAT;<br>USOCR | OR               | ON      | 2006/10/20 15:21 |
| S8    | 783749  | S5 with S6  | US-PGPUB;<br>USPAT;<br>USOCR | OR               | ON      | 2006/10/20 15:21 |
| S9    | 479     | S2 same S3 same S4 same S7  | US-PGPUB;<br>USPAT;<br>USOCR | OR               | ON      | 2006/10/20 15:25 |
| S10   | 12270   | second adj wavelength   | US-PGPUB;<br>USPAT;<br>USOCR | OR               | ON      | 2006/10/20 15:24 |
| S11   | 1       | S2 same S3 same S7 same S10   | US-PGPUB;<br>USPAT;<br>USOCR | OR               | ON      | 2006/10/20 15:25 |
| S12   | 8       | S9 and "600".clas.  | US-PGPUB;<br>USPAT;<br>USOCR | OR               | ON      | 2006/10/20 15:29 |

## EAST Search History

|     |         |                                    |                              |    |    |                  |
|-----|---------|------------------------------------|------------------------------|----|----|------------------|
| S13 | 1375    | S10 same S2                        | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/10/20 15:35 |
| S14 | 156     | S13 and "600".clas.                | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/10/20 15:30 |
| S15 | 583     | S13 and S8                         | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/10/20 15:30 |
| S16 | 109     | S15 and "600".clas.                | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/10/20 15:31 |
| S17 | 203321  | (S3 or S4) with S6                 | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/10/20 15:31 |
| S18 | 57      | S16 and S17                        | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/10/20 15:32 |
| S19 | 966     | S10 with S2                        | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/10/20 15:35 |
| S20 | 42      | S19 and S8 and S17 and "600".clas. | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/10/20 16:50 |
| S21 | 0       | S1 and S10                         | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/10/20 15:36 |
| S22 | 763957  | (light adj emitt\$4) or LED        | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/10/23 11:05 |
| S23 | 951373  | reflect\$4                         | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/10/23 11:05 |
| S24 | 517951  | deflect\$4                         | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/10/23 11:05 |
| S25 | 5880659 | differen\$5 relative change        | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/10/23 11:05 |
| S26 | 1982673 | signal                             | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/10/23 11:05 |
| S27 | 783749  | S25 with S26                       | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/10/23 11:05 |

## EAST Search History

|     |        |  |                              |    |     |                  |
|-----|--------|--|------------------------------|----|-----|------------------|
| S28 | 12270  | second adj wavelength  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2006/10/23 11:05 |
| S29 | 203321 | (S23 or S24) with S26  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2006/10/23 11:05 |
| S30 | 966    | S28 with S22   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2006/10/23 11:05 |
| S31 | 42     | S30 and S27 and S29 and "600".clas.  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2006/10/23 11:05 |
| S32 | 40     | S31 and (pulse\$5)   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2006/10/23 11:27 |
| S33 | 76142  | (heart pulse) near2 (beat rate)  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2006/10/23 11:28 |
| S34 | 22     | S32 and S33  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2006/10/23 12:41 |
| S35 | 12     | (US-20050222502-\$ or<br>US-20040193063-\$ or<br>US-20040092805-\$ or<br>US-20030229276-\$ or<br>US-20030163033-\$).did. or<br>(US-6997879-\$ or US-6731967-\$ or<br>US-RE38492-\$ or US-6709402-\$ or<br>US-6553242-\$ or US-6263222-\$ or<br>US-5285784-\$).did. | US-PGPUB;<br>USPAT           | OR | ON  | 2006/10/23 12:41 |
| S36 | 10     | S35 and intensity  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2006/10/23 13:05 |
| S37 | 5      | S35 and green  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2006/10/23 13:05 |
| S38 | 19     | S32 and green  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2006/10/23 13:05 |
| S39 | 1      | ("5830137").PN.  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2006/10/23 16:33 |
| S40 | 1878   | (tissue or skin) with absorption with<br>wavelength  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2006/10/26 16:43 |
| S41 | 356    | (tissue or skin) near3 absorption near2<br>wavelength  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2006/10/26 16:43 |

## EAST Search History

|     |      |   |                              |    |    |                  |
|-----|------|---|------------------------------|----|----|------------------|
| S42 | 141  | S41 and "600".clas.                                       | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/10/26 17:27 |
| S43 | 2750 | frequency near3 ((pulse or heart) adj rate)               | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/10/26 17:28 |
| S44 | 133  | frequency near3 ((pulse or heart) adj rate) with interval | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/10/26 17:28 |
| S45 | 54   | S44 and "600".clas.                                       | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/10/26 17:28 |